

कार्यालय, नगर पालिक निगम, कोरबा (छत्तीसगढ़)

फा.क्र. 846/2024

सिस्टम टेंडर नं. 166185

कोरबा दिनांक 21.03.2025

तृतीय ई-निविदा आमंत्रण सूचना

कार्यालय नगर पालिक निगम, कोरबा द्वारा लोक निर्माण विभाग एकीकृत पंजीयन प्रणाली अंतर्गत सक्षम श्रेणी में पंजीकृत ठेकेदारों से प्रमुख अभियंता लोक निर्माण विभाग, रायपुर द्वारा भवन कार्य हेतु दिनांक 01.01.2015 एवं विद्युत हेतु दिनांक 01.06.2020 से प्रभावशील दर अनुसूची पर (निविदा खुलने के दिनांक तक समस्त संशोधनों के साथ शेड्यूल अनुसार प्रतिशत दर पर ई-प्रोक्चुरमेंट (E-Tendering) के माध्यम से निविदा प्रपत्र Form-A में निविदा आमंत्रित की जाती है:-

1. फिजिकल सबमिशन लिफाफा प्राप्त होने की अंतिम तिथि - 03.04.2025 सायंकाल से 3.00 बजे तक
2. निविदा खुलने की अंतिम तिथि - 03.04.2025 सायंकाल 4.00 बजे से

क्र.	कार्य का नाम	प्राक्कलन राशि (लाख में)	धरोहर राशि (FDR/TDR)	कार्यावधि	निविदा प्रतिभागी शुल्क (डिमांड ड्राफ्ट)	ठेकेदार का वर्ग	निविदा खुलने की तिथि
1	वार्ड क्र. 56 पंखा दफाई में सामुदायिक भवन का निर्माण (अधोसंरचना मद)	20.00	15000/-	04 माह	750/-	वर्ग डी एवं प्रवर श्रेणी	03.04.2025 से

शर्त:-

1. निविदा दरे प्रचलित सी.एस.आर.से कम या अधिक प्रतिशत दरों पर दिया जावे सी.एस.आर.के अंतर्गत के आयटमों पर पृथक से आयटम दरों का उल्लेख करने पर निविदा निरस्त मानी जावेगी
2. जिन ठेकेदारों द्वारा नगर पालिक निगम (साडा) के किसी ठेके के कार्य में अनुबंध के अनुरूप कार्य न किया गया हो अथवा नगर पालिक निगम (साडा) के हित के विरुद्ध कार्य किया गया हो उन्हें निविदा भरने की पात्रता नहीं होगी।
3. इच्छुक ठेकेदारों को उचित वर्ग में पंजीयन की प्रमाणित प्रतिलिपि यदि साझेदारी फर्म हो तो उसका प्रमाण पत्र (पार्टनरशीप डीड) की सत्य प्रतिलिपि, उपलब्ध तकनीकी अमले की जानकारी, विगत 3 वर्षों का आयकर चुकता प्रमाण पत्र, पैन नम्बर, जी.एस.टी. पंजीयन प्रमाण पत्र एवं अमानत राशि के FDR/TDR की प्रति ऑनलाईन अपलोड करना अनिवार्य होगा, प्रशिक्षित यंत्री नियुक्त करने संबंधी प्रमाण पत्र, कर्मचारी भविष्य निधि रायपुर से पंजीकरण का कोड, निविदा प्रतिभागी शुल्क का डिमांड ड्राफ्ट एवं धरोहर राशि FDR/TDR, शपथपत्र का स्केन कापी ऑन लाईन सिस्टम पर अपलोड करना अनिवार्य होगा।
 - अमानत राशि का वैध FDR/TDR, निविदा प्रतिभागी शुल्क का डिमांड ड्राफ्ट एवं निर्धारित प्रारूप में शपथ पत्र की मूल प्रति लिफाफा में कार्य का नाम एवं अन्य विवरण अंकित कर केवल स्पीड पोस्ट/रजिस्टर्ड डाक के माध्यम से आयुक्त, नगर पालिक निगम, कोरबा साकेत भवन, आई.टी.आई.चौक रामपुर कोसाबाड़ी पिन- 495677 कोरबा के पते पर भेजना होगा। निर्धारित तिथि को सायं 03:00 बजे के पश्चात् फिजिकल सबमिशन लिफाफा स्वीकार नहीं किया जायेगा।
 - निविदाकार को प्रत्येक निविदा में पंजीयन क्षमता के अंतर्गत वर्तमान में नगर निगम या अन्य विभागों में उनके द्वारा किये जा रहे कार्यों का विवरण राशि सहित मूलप्रति में निर्धारित प्रारूप में वैध शपथपत्र (राशि रु. 100/- नॉनज्यूडिशियल स्टाम्प) निविदा आमंत्रण दिनांक के पश्चात का, निविदा क्रमांक एवं कार्य का नाम अंकित करना अनिवार्य होगा।
 - अमानत राशि का FDR/TDR एवं निविदा प्रतिभागी शुल्क का डिमांड ड्राफ्ट जो कि आयुक्त, नगर पालिक निगम, कोरबा के नाम पर देय हो प्रस्तुत करना अनिवार्य होगा।
4. सम्पूर्ण किये गये कार्यों के लिए प्रत्येक चल देयकों में से 5 प्रतिशत सुरक्षा राशि 01 वर्ष के लिए एवं मरम्मत एवं संधारण मद को छोड़कर शेष कार्यों में 5 प्रतिशत परफार्मेंस सिक्क्यूरिटी की गारंटी के रूप में से 03 वर्ष के लिए रोकੀ जावेगी। सुरक्षा राशि एवं परफार्मेंस गारंटी राशि वापसी हेतु समयावधि की गणना कार्य पूर्णता तिथि से किया जायेगा। उक्त समयावधि में निर्माण कार्य की भौतिक स्थिति सही होने तथा सक्षम प्राधिकारी के संतुष्टि के आधार पर भुगतान किया जायेगा।
5. जिन निविदाकारों द्वारा कर्मचारी भविष्य निधि संगठन एवं कर्मचारी राज्य बीमा निगम, रायपुर से पंजीयन कराकर कोड प्राप्त कर लिया हो वे निविदाकार ही निविदा हेतु पात्र होंगे।
6. निविदा में भाग लेने वाले ठेकेदारों को छ.ग. भवन और अन्य सन्निर्माण कर्मकार (नियोजन एवं सेवा शर्तों का विनियमन) अधिनियम 1996 एवं तदअंतर्गत निर्धारित नियमों के तहत पंजीयन कराना आवश्यक होगा तथा निर्माण लागत का 1 प्रतिशत उपकर के रूप में प्रत्येक देयक से कटौती की जावेगी।
7. ईट से संबंधित निर्माण कार्यों में फ्लाइंग एश ब्रिक का उपयोग किया जाना अनिवार्य होगा।
8. प्रयुक्त लोहा का बिल एवं टेस्ट रिपोर्ट तथा प्रयुक्त सीमेंट का बिल संलग्न करना अनिवार्य होगा।
9. निविदा दरों असामान्य कमी प्रतीत होने पर सफल निविदा दाता से अनुबंध के पूर्व एस.ओ.आर. एवं निविदा दर की अंतर की राशि के समतुल्य परफार्मेंस गारंटी के रूप में राष्ट्रीयकृत बैंक एफ.डी.आर., पोस्ट ऑफिस, टाईम डिपॉजिट अथवा एन.एस.सी. जो कि आयुक्त नगर पालिक निगम, कोरबा के नाम पर देय होगा जो मांग तिथि से 15 दिवस के भीतर जमा करना अनिवार्य होगा। उपरोक्त राशि समयावधि में जमा न करने की दशा में निविदा स्वमेव निरस्त मानी जावेगी।
10. निविदा अहस्तांतरणीय होगा एवं सशर्त निविदाओं पर विचार नहीं किया जावेगा।
11. निविदा प्रपत्र फार्म -ए की कंडिका 11 Price Adjustment (एस्कलेशन) देय नहीं होगा।
12. निविदा के संबंध में किसी प्रकार की विवाद होने की स्थिति में आयुक्त का निर्णय अंतिम एवं सर्वमान्य होगा।
13. निविदा स्वीकृत करने अथवा अस्वीकृत करने अथवा निरस्त करने का अधिकार नगर पालिक निगम के पास सुरक्षित रहेगा।
14. उपरोक्त निविदा सूचना की विस्तृत प्रति नगर पालिक निगम, कोरबा के साकेत भवन स्थित निर्माण शाखा से प्राप्त किये जा सकते हैं।
15. ठेकेदार द्वारा संपादित किए गए कार्यों के देयकों का भुगतान कार्य विशेष हेतु बजट आबंटन एवं राशि उपलब्ध होने पर किया जाएगा।
16. निविदा में सफल निविदाकार को ऐसे कार्य जिसकी अनुबंध राशि 10.00 लाख या उससे अधिक है, उनको प्रत्येक कार्यों हेतु पृथक से छ.ग. भवन और सन्निर्माण कर्मचार मण्डल का पंजीयन प्रमाण पत्र प्रस्तुत करना अनिवार्य होगा अन्यथा देयक भुगतान किया जाना संभव नहीं होगा।
17. कार्य क्रियान्वयन से संबंधित गुणवत्ता परीक्षण संबंधी रिपोर्ट पर होने वाले व्यय का वहन संबंधित ठेकेदार द्वारा किया जावेगा।
18. ठेकेदार को निर्माण कार्य के दौरान "निर्माण एवं अपशिष्ट प्रबंधन नियम 2016" में किये गए प्रावधानों का पालन करना अनिवार्य होगा।

प्रतिलिपि-

प्रोग्रामर, संचालनालय, नगरीय प्रशासन एवं विकास विभाग, रायपुर को uad.cg.gov.in में अपलोड करने हेतु प्रेषित।

कार्यपालक अभियंता
नगर पालिक निगम
कोरबा (छ.ग.)

Date-Time Detail(s)

Seq. No.	Nagar Nigam Stage	Contractor Stage	Start		Expiry		Remarks
			Date	Time	Date	Time	
1	Release Tender		21.04.2025	17.30	21.04.2025	17.30	Release Tender
2		Bid Submission	21.04.2025	17.30	02.04.2025	17.30	
3		Physical Document Submission	21.04.2025	17.30	03.04.2025	15.00	
4	Tender Open		03.04.2025	16.00	--	--	


**EXECUTIVE ENGINEER
KORBA (CG)**
For, Commissioner Korba (C.G.)

		sol.	15	2.10	2.10	0.10	6.62			
			1	12.00	6.00	0.40	28.80			
			1	6.00	3.00	0.40	7.20			
		S.T	1	3.60	3.00	0.10	1.08			
						Total	43.70	Cum	371.00	16210.85
6	1.19	Providing filling and compacting local earth (from approved source pit) in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
			1	12.00	6.00	0.30	21.60			
			1	6.00	3.00	0.30	5.40			
						Total	27.00	Cum	242.00	6534.00
5	1.26	Carriage by mechanical transport upto 5 km lead								
	26.1	Earth					15.00	Cum	111.00	1665.00
7	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	1.2	1:3:6 (1 cement : 3 coarse sand : 8 graded stone aggregate 40mm nominal size).								
			15	1.70	1.70	0.15	6.50			
			1	40.20	0.40	0.08	1.29			
			1	3.60	3.00	0.10	1.08			
			1	12.00	6.00	0.10	7.20			
			1	6.00	3.00	0.10	1.80			
			1	2.20	1.20	0.10	0.26			
						Total	18.13	Cum	2970.00	53854.71
8	3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
			15	1.50	1.50	0.50	16.88			
			15	0.20	0.30	1.40	1.26			
			15	0.20	0.30	3.60	3.24			
			4	0.20	0.30	2.40	0.58			
			1	40.20	0.20	0.30	2.41			
			1	40.20	0.20	0.20	1.61			
			1	40.20	0.20	0.20	1.61			
			3	6.00	0.20	0.40	1.44			
			1	12.00	0.20	0.20	0.48			
			2	3.00	1.50	0.13	1.13			
			18	0.50	1.50	0.17	2.30			

			2	2.59	1.50	0.13	0.97			
			1	16.20	7.20	0.13	14.58			
			1	3.60	3.00	0.13	1.35			
			2	15.20	0.50	0.09	1.37			
			1	2.00	0.50	0.09	0.09			
			1	40.20	0.20	0.10	0.80			
							6.19			
			1	12.00	6.00	0.10	7.20			
			1	6.00	3.00	0.10	1.80			
						Total	67.27	Cum	4163.00	280054.38
9	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:								
	12.1	Thermo-Mechanically treated bars FE 415					5443.00	Kg	54.50	296643.50
10	3.4	Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:					27.52	Cum	97.50	2683.20
10	3.4	Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:					12.38	Cum	195.00	2414.10
11	3.13	Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including form work.								
							0.64	Cum	4237.00	2711.68
11	3.14	Providing and mixing water proofing material in PCC/ RCC work in the proportion recommended by the manufacturer.					60.00	Kg	43.50	2610.00
13	3.16	Making 50mm thick plinth protection of plain cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded crushed stone aggregate 20mm nominal size) over 75mm bed of dry brick ballast 40mm nominal size well rammed and consolidated and grouted with sand including finishing the top smooth.								
			1	45.20		1.00	45.20			
						Total	45.20	Cum	273.00	12339.60

2.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:								
1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								
	Col.	16	4.00	1.70	0.10	10.88			
		16	4.00	1.50	0.50	48.00			
		16	1.00		1.40	22.40			
		2	40.20		0.30	24.12			
	P/Beam	1	8.00		0.12	0.96			
		2	4.00		0.12	0.96			
					Total	106.36	Sqm	139.00	14784.04
1.3	Window sills, anchor blocks, string course, bends, copings, bed plates and like.								
		2	4.20		0.10	0.84			
		2	17.70		0.10	3.54			
		2	2.85		0.10	0.57			
					Total	4.95	Sqm	184.00	910.80
1.4	Edge of slab, breaks in floor and walls upto 200mm.								
		1	60			60.00			
		1	19.90			19.90			
					Total	79.90	metre	34.00	2716.60
1.5	Columns, Pillars, Piers and likes-rectangular or square in shape								
		15	1.00		3.60	54.00			
		6	1.00		3.20	19.20			
					Total	73.20	Sqm	297.00	21740.40
1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)								
		1	16.20		7.20	116.64			
		1	3.60		3.00	10.80			
		1	3.60		6.70	24.12			
	Deduction--	1	40.20		0.20	8.04			
	Deduction--	1	12.80		0.20	2.56			
						140.96	Sqm	235.00	33125.60
1.8	Beams, lintels, cantilevers & walls								
		2	40.20		0.20	16.08			
		1	40.20		0.20	8.04			
		2	40.20		0.20	16.08			
		1	40.20		0.20	8.04			
		3	6.00		0.20	3.60			
		3	2.00	6.00	0.40	14.40			
		1	12.00		0.20	2.40			
		2	12.00		0.10	2.40			
		2	17.70		0.20	7.08			
		1	17.70		0.20	3.54			

	8.1.	Providing and fixing 30mm thick factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for styles and 15x15mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture								
	152.2	Both side Pre-laminated panel PVC door shutter								
			2	0.80	2.10		3.36			
						Total	3.36	Sqm	2832.00	9515.52
21	9.16	Providing and fixing M.S. frames of doors, windows, ventilators and cupboards joints mitred and welded with 15x3 mm lugs 10cm long embedded in cement concrete blocks 15x10x10cm of grade M-10 or with wooden plugs and screws or with								
	16.2	Angle-iron frames								
							300.00	kg	73.50	22050.00
20	9.14	Providing and fixing steel door made of angle iron of suitable sizes with M.S. grill of approved pattern made of M.S. flats or square or round bars coat of red oxide zinc chromate primer.								
							300.00	kg	79.50	23850.00
22	9.13	Providing and fixing steel door/window with M.S. sheet 1mm thick, frame of angle iron, diagonal braces of angle/ flat iron of suitable size, 3.00 mm M.S. gusset plates at junctions and corners, all necessary fittings complete including applying a priming coat of red oxide zinc chromate								
							320.00	kg	75.00	24000.00
16	11.1	Providing and making 6mm thick cement plaster of mix:								
	1.2	In Cement mortar 1:4 (1 cement : 4 fine sand)					211.96	Sqm	87.00	18440.52
17	11.2	Providing and making 12mm thick cement plaster of mix								
	2.3	In Cement Mortar 1:5 (1 cement : 5 fine sand)					211.30	Sqm	96.50	20390.45

	11.3	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:								
	3.3	In Cement Mortar 1:5 (1 cement : 5 fine sand)				236.84	Sqm	113.00	26762.92	
25	12.7	Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete.								
	7.2	Size above 200x300mm								
						28.35	Sqm	646.00	18314.10	
44	12.9	Providing and laying ceramic glazed floor tiles conforming to IS : 15622 of approved size, make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete								
	9.2	Size above 300x300mm								
			1	3.00	1.50	4.50				
			1	2.85	1.50	4.28				
						Total	8.78	Sqm	728.00	6388.20
24	12.13	Providing and laying vitrified floor tiles with double charge/ multi charge printing with water absorption less than 0.5% and conforming to IS : 15622 of approved make in all colours and shades and size mentioned below (+/- 10mm), laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete.								
	13.1	Size 600x600mm								
			1	6.00	12.00	72.00				
			1	3.00	2.00	6.00				
			1	15.60		15.60				
			1	4.40	2.85	12.54				
			1	1.88		1.88				
			1	3.60	3.00	10.80				
						18.00				
						Total	136.82	Sqm	1151.00	157479.82

50.		On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)				274.28	Sqm	79.00	21668.12
25	14.51	Providing and applying 2mm thick ready mix exterior grade putty (manufactured with cow dung processing) on walls to make the surface smooth and even.				636.85	Sqm	101.00	64321.85
55	18.1	Providing and fixing water closet squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS : 7231, with flush bend and other fittings and fixtures complete							
	1.1	White Long pattern W.C. pan of size 580 mm							
33	18.13	Providing and fixing white vitreous china urinal basin with waste fitting as per IS : 2556, and other couplings in C.P. brass complete:				2.00	each	2459.00	4918.00
	13.1	Flat back half stall urinal of size 460x380x250mm							
						2.00	each	1776.00	3552.00
37	18.20	Providing and fixing stainless steel AISI-304(18/8) wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required :							
	20.1	Size 450x380 mm				2.00	each	3876.00	7752.00
38	18.25	Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete							
	25.1	32 mm dia				2.00	each	68.50	137.00

40	18.5	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete								
	76.2	110 mm dia pipe.					40.00	metre	267.00	10680.00
41	18.77	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS : 13592 (heavy) jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.								
	77.3	Vent covel								
	3.2	110 mm					1.00	Each	44.00	44.00
	77.5	"P" trap 110mmx110mm long					2.00	Each	227.00	454.00
	77.6	Nahani trap 110x75 mm					2.00	Each	90.50	181.00
42	19.5	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings								
	5.1	15 mm nominal outer dia .Pipes.					80.00	metre	133.00	10640.00
	5.2	20 mm nominal outer dia .Pipes.					60.00	metre	167.00	10020.00
	5.4	32 mm nominal outer dia .Pipes					30.00	metre	284.00	8520.00
43	19.11	Providing and fixing G.I. Union in G.I. pipe (New work) including cutting and threading the pipe and making long screws etc. complete:								
	11.1	15 mm nominal bore					8.00	Each	85.00	680.00
	11.2	25 mm nominal bore					6.00	Each	98.00	588.00
	11.4	32 mm nominal bore					4.00	Each	148.00	592.00
43	19.13	Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality:								
	13.2	Bib cock (350 grams)					4.00	Each	237.00	948.00
	13.3	stop cock (350 grams)					4.00	Each	237.00	948.00

1	19.1	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :							
	17.1	15 mm nominal bore				4.00	Each	284.00	1136.00
	17.3	25 mm nominal bore				4.00	Each	432.00	1728.00
45	19.42	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank				1000.00	litre	7.30	7300.00
46	19.43	Cutting holes more than 20x20 cm and upto 30x30 cm in walls including making good the same :				2.00	Each	125.00	250.00
47	19.44	Cutting holes upto 15x15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including finishing complete so as to make it leak proof				2.00	Each	94.00	188.00
48	19.45	Making chases upto 7.5x7.5 cm in walls including making good and finishing with matching surface after housing G.I. pipe etc.				160.00	Each	46.00	7360.00
55	19.47	Constructing masonry Chamber 30x30x50 cm, inside with modular well burnt clay bricks of 35 kg/cm ² in cement mortar 1:4 (1 cement : 4 coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix				4.00	Each	754.00	3016.00

48	20.6	Providing, lowering, laying, aligning, fixing in position at and jointing at all level/ depths ISI marked HDPE pipes of PE-100 grade and PN 6 for sewer application as								
	6.2	150 mm dia				30.00	metre	771.00	23130.00	
49	20.7	Constructing brick masonry manhole with well burnt modular clay bricks crushing strength not less than 35kg/cm ² in cement mortar 1:4 (1 cement : 4 coarse sand), R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation in cement concrete 1:4:8 mix								
	7.1	Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg								
						3.00	Each	6703.00	20109.00	
50	20.31	Providing and constructing soak pit 1.20x1.20x1.20m filled with brickbats including S.W. drain pipe 100 mm diameter and 1.20 m long complete as per standard design.				1.00	Each	1709.00	1709.00	
	4.16	Providing and laying 3mm thick APP (Atactic Polypropylene Polymer) modified prefabricated five layer 3mm thick water proofing membrane, black finished reinforced with non-woven polyester matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 ltr/sqm. by the same membrane manufacture of density at 25°C, 0.87-0.89 kg/ltr and viscosity 70-160 cps. Over the primer coat the layer of membrane shall be laid using Butane Torch and sealing all joints etc., and preparing the surface complete.								
			1	16.70		7.2	120.24			
			1	6.70		3.6	24.12			

						144.36	sqm	396.00	57166.56
9.57	Providing stainless steel railing/ grill made of S.S. flats, hollow S.S. pipe or square/ rectangular sections of approved design fixing in stair case, balcony or other places with metal fasteners and stainless steel bolts etc complete.								
57.20	SS Grade 304								
						80.00	kg	525.00	42000.00
12.35	Extra if cut tiles other than half tiles are used in risers of steps skirting and dado								
						18.00	sqm	27.00	486.00
21.1	Boring/drilling bore well perfectly vertical for the specified depth suitable to receive required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge upto 90 metre depth below ground level.								
1.1	All types of soil								
1.2	125 mm dia								
						30.00	metre	321.00	9630.00
1.2	Rocky strata including Boulders.								
2.20	125 mm dia.								
						20.00	metre	349.00	6980.00

2.1	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer -in-charge.								
3.2	125 mm nominal size dia					40.00	metre	474.00	18960.00
21.5	Supplying, assembling, lowering and fixing in vertical position in bore well, ISI marked G.I. casing pipe (Plain) medium class in 4 to 7 meters length one end fitted with socket as per IS: 1239 (Part-1&Part-2) 1992 with IVth revision (Up-to-date amendments), of reputed & approved make, including required hire & labour charges, fitti								
5.2	125 mm nominal dia					50.00	metre	1131.00	56550.00
21.7	Supplying, assembling, lowering and fixing in vertical position in bore well, ERW (Electric Resistance Welded) FE 410 mild steel screwed and socketed/ plain ended casing pipes of required dia, conforming to IS: 4270, of reputed & approved make, including required hire & labour charges, fittings & accessories, all complete, for all depths, as per direction of Engineer-in-charge.								
7.2	125 mm nominal size dia having minimum wall thickness 5.0 mm					40.00	metre	1073.00	42920.00

2.0	Development of tube well in accordance with IS : 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, i/c disinfection of tube well, all complete, including hire & labour charges of air compressor, tools & accessories etc., all as per requirement and direction of Engineer-in-charge					2.00	hour	654.00	1308.00
21.11	Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for bore well of:								
11.2	125 mm dia					1.00	each	200.00	200.00
21.12	Providing and fixing M.S. clamp of required dia to the top of casing/ housing pipe of tube well as per IS: 2800 (part I), including necessary bolts & nuts of required size complete.								
12.2	125 mm clamp.					1.00	each	1031.00	1031.00

2.2.7	Carrying out the resistivity survey by VES method using Schlumberger configuration for locating the proper spot for drilling of tube well within the selected habitation, including photography, interpretation of resistivity data and submission of report in the desired format along with resistivity readings, necessary graph and photographs. (only successful point is payable)					1.00	point	1502.00	1502.00
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ELECTRICAL PART

51	3.1	Wiring for light/ fan/ exhaust fan / call bell point with 1.5 sqmm FR PVC insulated stranded copper conductor single core cable in concealed PVC conduit, with 5 amp piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with same size cable etc as required.							
	1.1	Short Point							
	1.2	Medium Point				18.00	Point	236.00	4248.00
	1.3	Long Point				20.00	Point	388.00	7760.00
52	3.9	Extra for providing and fixing light plug point on board in concealed PVC conduit point wiring with modular type 3 pin 5 amp socket outlet and 5 amp switch including cost of base and cover plate and G. I. box etc. as required.				18.00	Point	553.00	9954.00
						6.00	Point	240.00	1440.00
53	3.13	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in concealed PVC conduit as required.							
	13.11	6 X 2.5 sq. mm in 25mm conduit				55.00	Mtr	172.00	9460.00
	13.3	6 X 2.5 sq. mm in 25mm conduit				60.00	Mtr	172.00	10320.00

54	1	Supplying and fixing following piano type switch, socket, other accessories on the existing switch box/ cover including connections etc. as required.							
	1.12	Fan regulator Electronic, step type moving all round				11.00	Each	178.00	1958.00
55	8.1	Supplying, installation, testing and commissioning of following sizes ceiling fan including wiring the down rods of standard length up to 30 cm with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable, earthing etc. complete as required.							
	1.3	1400 mm sweep				11.00	Each	1637.00	18007.00
56	8.6	Supplying, installation, testing and commissioning of following sizes heavy duty (continuous running) 1400 rpm exhaust fan in existing opening in wall including earthing etc. complete as required.							
	6.1	300 mm sweep				6.00	Each	2558.00	15348.00
57	8.11	Supplying, installation, testing and commissioning of following T-5 fluorescent fitting (luminaries) complete with electronic ballast but without fluorescent lamp, on ceiling/ wall surface, earthing the fitting etc. as required.							
	11.1	Single box type with decorative end caps				5.00	Each	635.00	3175.00
58	8.18	Supplying, fixing, testing and commissioning of following CFL (Built in choke type) in existing lighting luminaries as							
	18.7	26 Watt				10.00	Each	289.00	2890.00
	18.11	85 Watt				8.00	Each	907.00	7256.00
59	8.19	Supplying, fixing, testing and commissioning of following CFL without ballast in existing CFL lighting luminaries as required.							
	19.5	36W CFL (without choke)				5.00	Each	176.00	880.00
	19.3	1x250 watt				1.00	Each	7086.00	7086.00


60		Supplying, installation, testing and commissioning of following 230/250 volts CFL street light fitting with perplex cover on pole bracket complete but without lamp as required.								
	29.2	85 watt					2.00	Each	1407.00	2814.00
61	8.34	Supplying, fixing, testing and commissioning of following 230/250 volts metal halide lamp in existing lighting luminaries fixed on pole/ wall/ roof etc as required.								
	34.3	250 watt (T)					1.00	Each	1403.00	1403.00
62	9.10	Providing and fixing metal clad, TP&N switch fuse unit (rewirable), 415/500 volts, with porcelain re-wireble fuses including drilling holes on the board, connections, earthing the body etc. as required. (Thimbeling shall be paid separately).								
	10.2	63 amps					1.00	Each	1821.00	1821.00
63	9.11	Providing and fixing porcelain re-wireble fuse carrier and base unit on wooden board including drilling holes on the board, screws, connections etc. as required. (Thimbeling shall be paid separately).								
	11.3	63 amps					3.00	Each	157.00	471.00
64	11.2	Supplying and fixing on surface/ recess following way, 240 volts SP&N MCB distribution board of sheet steel phosphatized and powder painted complete with tinned copper busbar, neutral busbar, earth bar, din bar, detachable gland plate, including interconnections, earthing etc. as required. (But without MCB/RCCB/Isolator)								
	2.1	4 way, Single door					2.00	Each	602.00	1204.00
65	11.12	Supplying and fixing DP MCB, 240 volts, 'C' curve, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as required.								
	12.3	40 amps					2.00	Each	684.00	1368.00

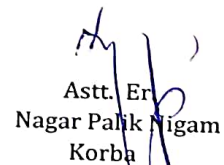
66	11.1	Supplying and fixing SP MCB, 240 volts, 'C' curve, suitable for inductive load in the existing MCB DB complete with connections, testing and commissioning etc. as required.							
	11.2	6 amps to 32 amps							
67	14.2	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal and salt as required.				3.00	Each	154.00	462.00
						2.00	Set	3454.00	6908.00
68	14.19	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ concealed conduit/ submain wiring/ cable as required.				40.00	Mtr	20.50	820.00
69	17.8	Supplying and laying following sizes one number PVC insulated/ XLPE, PVC sheathed, unarmoured, aluminium conductor power cable of 1.1 KV grade on surface/ existing cable tray with 1 mm thick GI saddle as required.							
	8.2	2 x 10 sq. mm				30.00	Mtr	88.00	2640.00
	8.13	4 x 10 sq. mm.				20.00	Mtr	108.00	2160.00
70	21.15	Supplying and fixing of 32mm dia x 2 metre long G.I pipe (light) bracket for mounting street light fittings of all types on poles including bending the pipe to the required shape, 2 Nos 40x3mm flat iron clamps with bolts and nuts including wiring with 1.5 sq. mm W.P /PVC wire etc. as required.				2.00	Each	823.00	1646.00
	32.102	Pump set				1.00	each	21466.00	21466.00
	102.4								

As per Estimate Amount Rs.
Say Rs.

1999980.49

20,00,000/-


Sub Er.
Nagar Palik Nigam
Korba


Astt. Er.
Nagar Palik Nigam
Korba